

Can you prove that the sum of four consecutive numbers is always an even number which is not a multiple of 4?

Below is a proof that has been scrambled up. Can you cut up the statements and rearrange them into their original order?

The sum of the four consecutive numbers is $4a + 6$	A
Therefore $4a + 6$ is two more than a multiple of 4	B
Then the four consecutive numbers are $a, a + 1, a + 2, a + 3$	C
$4a + 6 = 4(a + 1) + 2$	D
Therefore the sum of four consecutive numbers is always an even number which is not a multiple of 4	E
Take four consecutive numbers	F
Let the first number be a	G